

# FY2010 FOURTH QUARTER OPEN MARKET CRUDE HELIUM SALE (Detail Revision)

(all volumes in Mcf)

<b>Total Volume this Sale</b>	1,095,000.00	Mcf	525,000.0	4th Qrt
(percent to allocated sale)	94%		45,000.0	3rd Qrt Carryover
(percent to nonallocated sale)	6%		225,000.0	2nd Qrt Carryover
			300,000.0	1st Qrt Carryover
			1,095,000.0	Final Offered in FY2010

A	B	C	D	E	F	G	H	I	J	K	L	M	Carryover to Non-Allocated Sale
<u>Allocated Sale</u>	Installed Refining Cap	Refiner Bid Volume	Allocated Volume	Excess Vol Requested	Excess Vol Available	Proration % Round 1	Excess Alloctn Rd 1	Excess Vol Rem Rnd 2	Proration % Round 2	Excess Alloctn Rd 2	Total Allocated		
Bidder - Allocated Sale													
Keyes Helium Company	4.0%	200,000.0	41,172.0	158,828.0	-	6.06%	16,664.4	142,163.6	13.33%	2,737.0	60,573.4	139,427.0	
Linde Gas North America LLC	26.0%	390,000.0	267,618.0	122,382.0	-	39.39%	108,318.4	14,063.6	86.67%	14,063.6	390,000.0	0.0	
Praxair, Inc (Bushton Ulysses)	34.0%	75,000.0	349,962.0	(274,962.0)	274,962.0	0.00%	-	-	0.00%	-	75,000.0	0.0	
Air Products (Liberal, Guymon)	36.0%	500,000.0	370,548.0	129,452.0	-	54.55%	129,452.0	-	0.00%	-	500,000.0	0.0	
	0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0	0.0	
Total	100.0%	1,165,000.0	1,029,300.0	410,662.0	274,962.0	100.00%	254,434.8	20,527.2	100.00%	16,800.6	1,025,573.4	139,427.0	

Total Allocated Sale Volume: 1,029,300 Mcf Excess to be carried over to nonallocated sale. 3,726.6

## NonAllocated Sale

Non-Allocated Gases												
		Prorated Percentage	Bid/Carryover Volume	Allocated Volume	Excess Vol Requested	Excess Vol Available	Proration % Round 1	Excess Allocn Rd 1	Proration % Round 2	Excess Allocn Rd 2	Total Allocated	
Keyes Helium Company	1	100.0%	139,427.0	69,427.0	70,000.0	-	100.00%	-	70,000.0	100.00%	-	69,427.0
Linde Gas North America LLC		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Praxair, Inc (Bushton Ulysses)		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Air Products (Liberal, Guymon)		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Air Liquide		0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0
Matheson Tri-Gas Inc.		0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0
Airgas Merchant Gases		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Number of Bidders	1	100.0%	139,427.0	69,427.0	70,000.0	-	1	-	-	1	-	69,427.0

**Total Non-Allocated Sale Volume Including Carryover Amount.**

69,427 Mcf

## Allocation Calculations

						Round 1 Percent			Round 2 Percent
Refiner A	4.0%	200,000.0	41,172.0	1.0	4.0%	6.06%	1.0	4.0%	13.33%
Refiner B	26.0%	390,000.0	267,618.0	1.0	26.0%	39.39%	1.0	26.0%	86.67%
Refiner C	34.0%	75,000.0	349,962.0	-	0.0%	0.00%	-	0.0%	0.00%
Refiner D	36.0%	500,000.0	370,548.0	1.0	36.0%	54.55%	-	0.0%	0.00%
Refiner E	0.0%	-	-	-	0.0%	0.00%	-	0.0%	0.00%
					66.0%	100.00%		30.0%	100.00%

## Year 2000 Plant Capacities

	Mcf/d	Total	Percent	MMcf/yr
EIPaso (Keyes)	480.0	480.0	4.0%	168.00
Linde/BOC (Otis)	3,120.0	3,120.0	26.0%	1,092.00
Praxair, Inc (Bushton Ulysses)	1,032.0	4,080.0	34.0%	361.20
Air Products (Liberal, Guymon)	3,048.0	1,272.0	36.0%	1,066.80
		12,000.0	100.0%	445.20